WHAT IS CLAIMED IS:

- 1. A high frequency device, comprising:
- a first filter for extracting signal components in a 5 predetermined frequency band from an input signal;
 - a frequency converter for converting a frequency of the signal components extracted by the first filter;
 - a second filter for extracting signal components in a predetermined frequency band from the signal components with a frequency thereof converted by the frequency converter;
 - a bypass circuit for detouring the second filter downstream of the first filter;
 - a switching mechanism including a switching circuit for switching connection of a signal path downstream of the first filter to either the second filter or the bypass circuit.
 - 2. The high frequency device according to claim 1, wherein the switching mechanism includes, downstream of the second filter, a switching circuit for switching the signal path.

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3. The high frequency device according to claim 2, wherein the frequency converter includes a first frequency converter provided upstream of the second filter and a second frequency converter provided to the bypass circuit.

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4. The high frequency device according to claim 3, wherein the frequency converter variably controls a frequency changing

amount according to a frequency of a signal input to the frequency converter so that signals having a constant frequency are output.

- 5 5. The high frequency device according to claim 3, wherein the bypass circuit is biased via a resistor so as to have a source power potential.
- 6. The high frequency device according to claim 3, wherein the second filter is formed as a unit separate from an integrated circuit which includes the frequency converter and the switching circuit.
- 7. The high frequency device according to claim 1, wherein the switching mechanism includes switching circuits provided upstream and downstream of the second filter, respectively, for switching the signal path.
- 8. The high frequency device according to claim 7, wherein the frequency converter includes a first frequency converter provided upstream of the second filter and a second frequency converter provided to the bypass circuit.
- 9. The high frequency device according to claim 8, wherein
 25 the frequency converter variably controls a frequency changing
 amount according to a frequency of a signal input to the
 frequency converter so that signals having a constant

frequency are output.

- 10. The high frequency device according to claim 8, wherein the bypass circuit is biased via a resistor so as to have a source power potential.
- 11. The high frequency device according to claim 8, wherein the second filter is formed as a unit separate from an integrated circuit which includes the frequency converter and the switching circuit.
- 12. The high frequency device according to claim 7, wherein the frequency converter is provided upstream of the switching circuit provided upstream of the second filter.

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- 13. The high frequency device according to claim 12, wherein the frequency converter variably controls a frequency changing amount according to a frequency of a signal input to the frequency converter so that signals having a constant frequency are output.
- 14. The high frequency device according to claim 12, wherein the bypass circuit is biased via a resistor so as to have a source power potential.

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15. The high frequency device according to claim 12, wherein the second filter is formed as a unit separate from an

integrated circuit which includes the frequency converter and the switching circuit.

16. A tuner high frequency device, comprising:

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- a first filter for extracting signal components in a predetermined frequency band from an input signal having a radio frequency;
 - a frequency converter for converting a frequency of the signal components extracted by the first filter to thereby obtain an IF signal, in which a frequency changing amount is variably controlled according to a frequency of a signal input from an RF-stage section so that IF signals having a constant frequency are obtained;
- a second filter for extracting signal components in a predetermined frequency band from the IF signal obtained by the frequency converter;
 - a bypass circuit for detouring the second filter downstream of the first filter;
- a switching mechanism including a switching circuit for 20 switching connection of a signal path downstream of the first filter to either the second filter or the bypass circuit.

17. An integrated circuit, comprising:

a frequency converter for converting frequency of signal components extracted using a first filter which extracts signal components in a predetermined frequency band from an input signal;

a bypass circuit provided downstream of the first filter, for detouring a second filter which extracts signal components in a predetermined frequency band from the signal components with a frequency thereof converted by the frequency converter; and

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- a switching mechanism including a switching circuit for switching connection of a signal path downstream of the first filter to either the second filter or the bypass circuit.
- 10 18. The integrated circuit according to claim 17, further comprising a terminal for connecting the second filter, the second filter being formed as a unit separate from the integrated circuit.
- 19. The integrated circuit according to claim 17, further comprising an external connection terminal via which to input a control circuit for controlling the switching by the switching circuit.